

C 5 105. (Twice Amended) A process according to Claim 103, wherein the titanium-dioxide precursor is chosen from the group comprising TiCl_4 , TiOSO_4 , and titanium alkoxide.

REMARKS

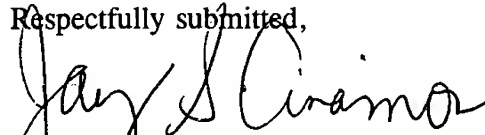
This amendment is submitted to correct certain inadvertent errors with respect to the claim dependencies as set forth in the Preliminary Amendment of December 21, 2001.

Entry herein is respectfully solicited.

A marked-up version is attached hereto.

Please charge any fees which may be due and which have not been submitted herewith to our deposit account no. 01-0035.

Respectfully submitted,



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PATENT DOCKET 205,439

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: AMADELLI et al.

Serial No.: 10/030,241

Filed: 12/21/01

For: USE OF PHOTOCATALYTIC PREPARATIONS OF
COLLOIDAL TITANIUM DIOXIDE FOR PRESERVING
THE ORIGINAL APPEARANCE OF CEMENTITIOUS,
STONE, OR MARBLE PRODUCTS

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APPENDIX SHOWING CHANGES MADE

Claims 74, 85-87, 89, 90, 92-95 and 105 have been amended as follows:

74. (Twice Amended) A method according to Claim [74] 73, for the oxidation of
nitrogen oxides (NO_x).

85. (Twice Amended) A cementitious, stone, or marble product according to Claim
[62] 79, wherein the titanium dioxide is prevalently in the form of anatase.

86. (Twice Amended) A cementitious, stone, or marble product according to Claim
[68] 85, wherein at least 75% of titanium dioxide is in the form of anatase.

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87. (Twice Amended) A cementitious, stone, or marble product according to Claim [62] 79, wherein the titanium-dioxide precursor is a product able to produce titanium dioxide prevalently in the form of anatase.

89. (Twice Amended) A cementitious, stone, or marble product according to Claim [70] 87, wherein the titanium-dioxide precursor is chosen from the group comprising TiCl_4 , TiOSO_4 , and titanium alkoxide.

90. (Twice Amended) A cementitious, stone, or marble product according to Claim [62] 79, wherein a preparation of titanium dioxide or one of its precursors has the function of oxidant for polluting substances chosen from the group comprising organic substances present in the environment as a result of motor-vehicle exhaust or industrial emissions, and inorganic compounds.

92. (Twice Amended) A cementitious, stone, or marble product according to Claim [62] 79, wherein the titanium dioxide in colloidal form is prepared using sol-gel techniques so as to obtain particles having a size of between 10 and 200 Å.

93. (Twice Amended) A cementitious, stone, or marble product according to Claim [75] 92, wherein the particles of titanium dioxide have a size of between 50 and 100 Å.

94. (Twice Amended) A cementitious, stone, or marble product according to Claim [62] 79, wherein an aqueous suspension of the colloidal preparation of titanium dioxide or one of its precursors is applied on the product in small successive amounts until the desired thickness is reached.

95. (Twice Amended) A cementitious, stone or marble product according to Claim [62] 79, wherein the colloidal suspension of titanium dioxide or one of its precursors is vacuum-dried so as to obtain a powder which can be re-suspended in water, maintaining its colloidal properties.

105. (Twice Amended) A process according to Claim [86] 103, wherein the titanium-dioxide precursor is chosen from the group comprising TiCl_4 , TiOSO_4 , and titanium alkoxide.

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